

Amendments to the Claims

I. Amendments

Please amend claims 4, 5, 6, 8 and 9 to read as indicated below.

II. The Claims of the Present Application

- Claim 1. (Original) A composition useful for forming an electroconductive resin comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.
- Claim 2. (Currently Amended) The composition of claim 1, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber,~~ the amount of vapor-growth carbon fiber compounded being is 1 to 20 parts by weight based on 100 parts by weight of the film-forming component, ~~and the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent.~~
- Claim 3. (Currently Amended) The composition of claim 1, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber, the carbon fiber being compounded with the film-forming~~
~~component using a polar organic solvent, and~~ the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.
- Claim 4. (Currently Amended) The composition of claim 1, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber,~~ the amount of vapor-growth carbon fiber compounded being is 1 to 20 parts by weight based on 100 parts by weight of the film-forming

component, and the film-forming component ~~being is~~ a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.

- Claim 5. (Currently Amended) The composition of claim 1, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber, the carbon fiber being compounded with the film-forming~~
~~component using a polar organic solvent, and~~ the film-forming
component ~~being is~~ a mixed component composed mainly of a liquid
acrylonitrilebutadiene rubber having both end-groups substituted by
carboxyl groups and an epoxy resin, the epoxy resin ~~being is~~ a bisphenol
A diglycidyl ether type epoxy resin.
- Claim 6. (Currently Amended) The composition of claim 2, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber, the amount of vapor-growth carbon fiber compounded being is~~
~~1 to 20 parts by weight based on 100 parts by weight of the film-~~
~~forming component, the carbon fiber being compounded with the~~
~~film-forming component using a polar organic solvent, and~~ the film-
forming component ~~being is~~ a mixed component composed mainly of a
liquid acrylonitrile-butadiene rubber having both endgroups substituted
by carboxyl groups and an epoxy resin, the epoxy resin ~~being is~~ a
bisphenol A diglycidyl ether type epoxy resin.
- Claim 7. (Currently Amended) The composition of claim 3, wherein A
~~composition useful for forming an electroconductive resin comprising a~~
~~film-forming component and a vapor-growth carbon fiber, the carbon~~
~~fiber being compounded with the film-forming component using a polar~~
~~organic solvent, and the film-forming component being a mixed~~
~~component composed mainly of a liquid acrylonitrilebutadiene rubber~~
~~having both end-groups substituted by carboxyl groups and an epoxy~~

~~resin~~, the liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups having molecular weights in the range of not less than 1,000.

- Claim 8. **(Currently Amended)** The composition of claim 4, wherein A
~~composition useful for forming an electroconductive resin~~
~~comprising a film-forming component and a vapor-growth carbon~~
~~fiber, the amount of vapor-growth carbon fiber being 1 to 20 parts~~
~~by weight based on 100 parts by weight of the film-forming~~
~~component, the carbon fiber being compounded with the film-~~
~~forming component using a polar organic solvent, and the film-~~
~~forming component being a mixed component composed mainly of a~~
~~liquid acrylonitrile-butadiene rubber having both end-groups~~
~~substituted by carboxyl groups and an epoxy resin~~, the liquid
acrylonitrile-butadiene rubber having both end-groups substituted by
carboxyl groups having molecular weights in the range of not less than
1,000.
- Claim 9. **(Original)** A composition useful for forming an electroconductive resin
according to any one of Claims 1 to 8, further comprising a tertiary
amine catalyst.
- Claim 10. **(Original)** A method of producing an electroconductive resin comprising
solidifying a composition useful for forming an electroconductive resin
by reaction, if the reaction is necessary, the composition comprising a
film-forming component and a vapor-growth carbon fiber, the vapor-
growth carbon fiber being compounded with the film-forming component
using a polar organic solvent.
- Claim 11. **(Original)** An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the composition
comprising a film-forming component and a vapor-growth carbon fiber,
the vapor-growth carbon fiber being compounded with the film-forming
component using a polar organic solvent.

- Claim 12. **(Original)** An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the amount of vapor-growth carbon fiber compounded being 1 to 20 parts by weight based on 100 parts by weight of the film-forming component.
- Claim 13. **(Original)** An electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent, and the film-forming component being a mixed component composed mainly of a liquid acrylonitrilebutadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin.
- Claim 14. **(Currently Amended)** The electroconductive resin of claim 12,
~~wherein An electroconductive resin comprising a product from the~~
~~reaction of a composition, if the reaction is necessary, the~~
~~composition comprising a film-forming component and a vapor-~~
~~growth carbon fiber, the amount of vapor-growth carbon fiber~~
~~compounded being 1 to 20 parts by weight based on 100 parts by~~
~~weight of the film-forming component,~~ the carbon fiber **being is**
compounded with the film-forming component using a polar organic
solvent, and the film-forming component **being is** a mixed component
composed mainly of a liquid acrylonitrile-butadiene rubber having both
end-groups substituted by carboxyl groups and an epoxy resin.
- Claim 15. **(Currently Amended)** The electroconductive resin of claim 11,
~~wherein An electroconductive resin comprising a product from the~~
~~reaction of a composition, if the reaction is necessary, the~~
~~composition comprising a film-forming component and a vapor-~~
~~growth carbon fiber, the carbon fiber being compounded with the~~
~~film-forming component using a polar organic solvent, and~~ the film-
forming component **being is** a mixed component composed mainly of a
liquid acrylonitrilebutadiene rubber having both end-groups substituted

by carboxyl groups and an-epoxy resin, the epoxy resin being a bisphenol A diglycidyl ether type epoxy resin.

- Claim 16. (Currently Amended) The electroconductive resin of claim 14,
wherein ~~An electroconductive resin comprising a product from the~~
~~reaction of a composition, if the reaction is necessary, the~~
~~composition comprising a film-forming component and a vapor-~~
~~growth carbon fiber, the amount of vapor-growth carbon fiber~~
~~compounded being 1 to 20 parts by weight based on 100 parts by~~
~~weight of the film-forming component, the carbon fiber being~~
~~compounded with the film-forming component using a polar organic~~
~~solvent, and the film-forming component being a mixed component~~
~~composed mainly of a liquid acrylonitrile-butadiene rubber having~~
~~both end-groups substituted by carboxyl groups and an epoxy resin,~~
the epoxy resin ~~being~~ is a bisphenol A diglycidyl ether type epoxy resin.
- Claim 17. (Currently Amended) The electroconductive resin of claim 11,
wherein ~~An electroconductive resin comprising a product from the~~
~~reaction of a composition, if the reaction is necessary, the~~
~~composition comprising a film-forming component and a vapor-~~
~~growth carbon fiber, the carbon fiber being compounded with the~~
~~film-forming component using a polar organic solvent, the film-~~
forming component ~~being~~ is a mixed component composed mainly of a
liquid acrylonitrilebutadiene rubber having both end-groups substituted
by carboxyl groups and an epoxy resin, the liquid acrylonitrile-butadiene
rubber having both end-groups substituted by carboxyl groups having
molecular weights in the range of not less than 1,000.
- Claim 18. (Currently Amended) The electroconductive resin of claim 12,
wherein ~~An electroconductive resin comprising a product from the~~
~~reaction of a composition, if the reaction is necessary, the~~
~~composition comprising a film-forming component and a vapor-~~
~~growth carbon fiber, the amount of vapor-growth carbon fiber being~~
~~1 to 20 parts by weight based on 100 parts by weight of the film-~~

~~forming component~~, the carbon fiber being compounded with the film-forming component using a polar organic solvent, the film-forming component being a mixed component composed mainly of a liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups and an epoxy resin, the liquid acrylonitrile-butadiene rubber having both end-groups substituted by carboxyl groups having molecular weights in the range of not less 1,000.

Claim 19. (Currently Amended) The electroconductive resin of claim 11,
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the vapor-growth carbon fiber being
compounded with the film-forming component using a polar organic
solvent, and the electroconductive resin ~~having~~ has a volume resistivity of not more than $10 \times 10^0 \Omega \cdot \text{cm}$.

Claim 20. (Currently Amended) The electroconductive resin of claim 11,
wherein An electroconductive resin comprising a product from the
reaction of a composition, if the reaction is necessary, the
composition comprising a film-forming component and a vapor-
growth carbon fiber, the vapor-growth carbon fiber being
compounded with the film-forming component using a polar organic
solvent, and the electroconductive resin ~~having~~ has a coefficient of variation of standard deviation of not more than 10%.

Claim 21. (Original) An electroconductive sheet made of an electroconductive resin comprising a product from the reaction of a composition, if the reaction is necessary, the composition comprising a film-forming component and a vapor-growth carbon fiber, the vapor-growth carbon fiber being compounded with the film-forming component using a polar organic solvent, and the electroconductive sheet having a thickness of not more than 1 mm.

Claim 22. **(Original)** A high polymer compound comprising a product by reaction of a mixture containing as major components at least one compound selected from the groups consisting of liquid acrylonitrile - butadiene rubbers each having both end-groups substituted by carboxyl groups, liquid styrene butadiene rubbers, liquid polybutadiene, liquid polyisoprene, and liquid polychloroprene, and at least one compound selected from epoxy resins such as bisphenol A diglycidyl ether type epoxy resins, bisphenol F diglycidyl ether type epoxy resins, and phenol novo lac type epoxy resins.